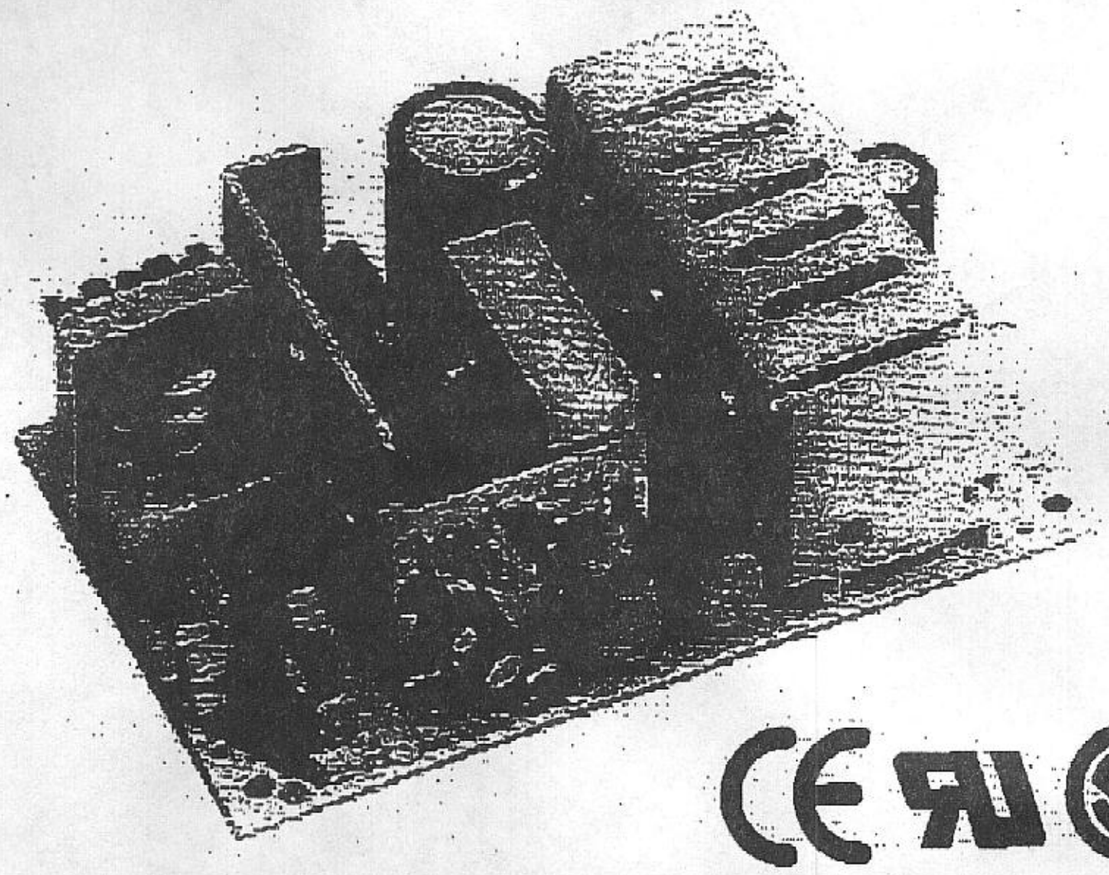
60W Universal Input Series

PSA-60 Series Switching Power Supply



- High efficiency
- Over voltage protection
- Built-in EMI filter
- Short circuit protection

- Disk/Tape drive systems
- Peripheral equipment
- Microprocessor systems
- Mixed logic applications

- UL 1950 [E134610]
- CSA 22.2 234 [LR 56927-137]
- VDE 0805/IEC 950 [74709]
- CB Report [DE3827]

Dimensions:
- Length: 127mm (5.0in)
- Width: 76.2mm (3.0in)
- Height: 40mm (1.58in)
- Weight: 0.36kgs (0.79lbs)

Model	DC Output Voltage	Load Min.	Load Max.	Load @20CFM	Load Peak	Ripple P-P	Total Tolerance	Output Pins
PSA-60-105	+5V	0.0A	10A	10A	12A	50mV	+2%	1,2,3
PSA-60-112	+12V	0.0A	5.0A	6.6A	8.3A	120mV	+2%	1,2,3
PSA-60-115	+15V	0.0A	4.0A	5.3A	6.6A	240mV	+2%	1,2,3
PSA-60-124	+24V	0.0A	2.5A	3.3A	4.2A	150mV	+2%	1,2,3
PSA-60-148	+48V	0.0A	1.2A	1.4A	2.1A	480mV	+2%	1,2,3
PSA-60-202	+5.1V	1.0A	6.0A	8.0A	8.0A	50mV	+2%	2,3
	+24V	0.1A	1.3A	1.8A	2.0A	240mV	+5%	1
PSA-60-203	+5.1V	1.0A	4.0A	6.0A	8.0A	50mV	+2%	2,3
	+12V	0.3A	3.5A	4.5A	8.0A	120mV	+5%	1
PSA-60-301	+5.1V	1.0A	6.0A	8.0A	10A	50mV	+2%	2,3
	+12V	0.3A	2.2A	3.0A	6.0A	120mV	+5%	1
	-12V	0.0A	0.3A	0.5A	1.5A	120mV	+5%	6
PSA-60-303	+5.1V	1.0A	6.0A	8.0A	10A	50mV	+2%	2,3
	+12V	0.3A	2.2A	3.0A	6A	120mV	+5%	1
	-5V	0.0A	0.5A	0.5A	1.5A	50mV	+5%	6
PSA-60-304	+5.1V	1.0A	6.0A	8.0A	8.0A	50mV	+2%	2,3
	+15V	0.3A	1.5A	2.0A	2.0A	150mV	+5%	1
	-15V	0.0A	0.5A	0.5A	0.5A	150mV	+5%	6

(1) Total output power must not exceed 60W at convection cooling and 80W at 20CFM air flow condition.
(2) Peak output current lasting less than 30 seconds with duty cycle less than 10%. During peak loading, peak total power must not exceed 80W.
(3) Ripple & noise is measured at 20MHz bandwidth limit by use a 10 inch twisted wire terminated with a 10μf capacitor in parallel 0.1μf ceramic capacitor.

[redacted]